COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PERPENDICULAR RECORDING MEDIUM, METHOD FOR PRODUCING THE SAME AND MAGNETIC RECORDING APPARATUS

the specification of which: (check one)		•
	REGULAR OR DESIG	SN APPLICATION	
is attached hereto.	,		
was filed onand was amended			
·	PCT FILED APPLICATION ENT	ERING NATIONAL STAGE	
was described and and as amended o	claimed in International applicat n(if any).	ion No. <u>PCT/JP03/03441</u> filed or	
I hereby state that I have re claims, as amended by any a	viewed and understand the cor mendment referred to above.	ntents of the above-identified sp	ecification, including the
I acknowledge the duty to dis Regulations, §1.56	close information which is mater	ial to patentability as defined in	litle 37, Code of Federal
-	PRIORITY	CLAIM	•
I hereby claim foreign priority isted below and have also ide pefore that of the application	benefits under 35 USC 119 of ar entified below any foreign applica on which priority is claimed. PRIOR FOREIGN AF	ation for patent or inventor's certif	nt or inventor's certificate icate having a filing date
Country	Application		
Journal	Number	Date of Filing (day, month, year)	Priority Claimed
Japan	2002-113648	16 April 2002	Yes
ionio, nace bolovy.	er Title 35, United States Code §	119(e) of any United States prov	risional patent applica-
Application No.	Filing Date	Status (patented, p	ending abandoned)
Complete this part only if this	is a continuing application.)		
rovided by the first paragraph ratentability as defined in Title	er 35 USC 120 of any United State of this application is not disclosed the first of	ed in the prior United States ap ge the duty to disclose informati \$1.56 which became available b	plication in the manner
pplication No.	Filing Date	Status (patented, p	ending abandoned)

POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from YAMAGUCHI INTERNATIONAL PATENT OFFICE as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

As a named inventor, I hereby appoint the registered patent attorneys represented by Customer No. 00466 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, including: Robert J. PATCH, Reg. No. 17,355, Andrew J. PATCH, Reg. No. 32,925, Robert F. HARGEST, Reg. No. 25,590, Benon CASTEL, Reg. No. 35,041, Thomas VV. PERKINS, Reg. No. 33,027, Roland E. LONG, Jr., Reg. No. 41,949, Eric JENSEN, Reg. No. 37,855, Liam MCDOWELL, Reg. No. 44,231, and Phillip A. DUBOIS, Reg. No. 50,696,

cia YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, Virginia 22202 Customer Number

<u>00466</u>

Address all telephone calls to Young & Thompson at 703/521-2297. Telefax: 703/685-0573.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both under Section 1001 of Title. 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

. \	Full name of sole or first	t inventor. TAKAHASHI, Migaku	<u> </u>			
ψ	Inventor's signature:	M. Takakastio	Date:	11th. Harch	2005	
V	Residence: Sendal-s	shi, Miyagi, Japan	Citizenship:	Japan		
1.	Post Office Address: 20-2, Hitoldta 2-chome, Tainaku-ku, Sendai-shi, Miyagi 982-0222 Japan					
_						
17)	Full name of second join	nt inventor, if any: DJAYAPRAWI	RA. David—			
1.	Inventor's signature:	Dawy.	Date:	23 March 200	5	
/ /	Residence: Sendai-s	shi, Miyagl, Japan	Citizenship:	Japan		
U	e/o TOHOKU UNIVERSITY, Faculty of Engineering, Department of Electronics,					
		05, Aza-Aoba, Aramaki, Aoba-ku,	Sendai-shi, Miyagi 9	BD-0806 JAFAN	 	
\			Ì			
11) Full name of third joint i	inventor, If any: DOMON, Hirol	ki İ		· · · · · · · · · · · · · · · · · · ·	
7	Inventor's signature:	N Donon	Date:	24h April 200	5	
5	Residence: Sendai-s	shi, Miyag i, Japan	Cifizenship:	Јарап		
J	J c/o TOHOKU UNIVERSITY, Faculty of Engineering, Department of Electronics, Post Office Address					
	05, Aza-Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-0806 JAPAN					